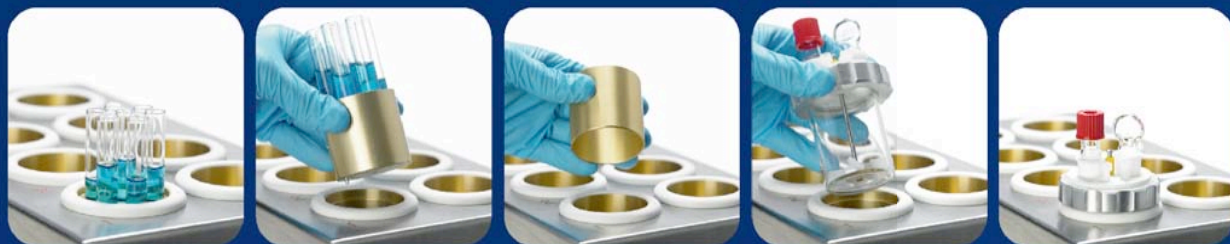


Quick exchange between applications...



Remove the current vessel. Exchange vessel adapters. Insert the new vessel.
Start something new in a matter of seconds.



Easy to use software

- Interface designed with the chemist in mind
- Tiered levels of user interface
- Clear data display for easy monitoring of experiments
- Real time editing of ramp rates, run times, and setpoints
- Saved data is easily exported to Excel or similar suites for analysis
- Option of full recipe design with multi-user interface



Modular add-ons

- Overhead mechanical agitation
- Liquid dosing (peristaltic, syringe, diaphragm)
- Gas dosing
- pH control
- Turbidity
- High pressure monitoring and control
- Condenser block

Dedicated Applications

- Crystallisation – CrystalSCAN
- High pressure – Screening and optimisation
- Robot sampling (HPLC) – LP ChemSCAN
- Bio Applications – Xplorer

Please visit our website for more information www.helgroup.com
CONTACT US NOW TO ARRANGE A DEMONSTRATION OR A TRIAL

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better chemistry - faster

PolyBLOCK

VERSATILE MULTI-ZONE REACTION BLOCK

Key Features

4 or 8 independent temperature controlled zones with independent stirring

Wide range of temperatures
-80 - 250°C

Perform up to 112 simultaneous reactions

Work with volumes from 2 to 350 ml

A single tool for both screening and optimisation

Simple, intuitive software designed by chemists for data logging and control



▶ A single compact platform to increase the efficiency of your process screening and optimisation



better chemistry - faster

Process Screening • Process Optimisation • Process Scale-up

HEL PolyBLOCK PB4 & PB8

The PolyBLOCK is a compact modular parallel chemistry platform that adapts to a user's changing requirements, from screening to scale-up.

Variety of vials and tubes.



Round and flat bottom flasks up to 250ml.




Custom reaction vessels from 75ml to 350ml.



High pressure reaction vessels. Up to 24 reactions. 2ml to 300ml.












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PolyBLOCK 4









KEY FEATURES

 TEMPERATURE RANGE: -80 TO 250°C	 4 INDEPENDENTLY CONTROLLED REACTION ZONES	 AGITATION BETWEEN: 300 & 1500RPM	 UP TO 112 SAMPLES IN 4 ZONES
 350ml WORKING VOLUME UP TO 350ML	 100°C MAINTAIN 100°C DIFFERENCES BETWEEN ZONES	 COMPACT FOOTPRINT: 190x225x355mm	 SIMPLE COMPUTER CONTROL



PolyBLOCK 8

KEY FEATURES

 TEMPERATURE RANGE: -80 TO 250°C	 8 INDEPENDENTLY CONTROLLED REACTION ZONES	 AGITATION BETWEEN: 300 & 1500RPM	 UP TO 56 SAMPLES IN 8 ZONES
 75ml WORKING VOLUME UP TO 75ML	 100°C MAINTAIN 100°C DIFFERENCES BETWEEN ZONES	 COMPACT FOOTPRINT: 190x190x350mm	 SIMPLE COMPUTER CONTROL

Conveniently condense or inert vials and tubes with a single block.



Choose the adapter for your tubes, flasks or vessels. Custom inserts available.



Strong efficient agitation via suspended mechanical stirring.



Simple PC control with choice of interfaces.



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PolyBLOCK USER BENEFITS

- Perform reactions in up to 8 independently controlled temperature zones.
- Control temperature with either internal (contents) or zone (jacket) temperature.
- Data logging of key parameters helps to keep precise experimental records.
- Full PC control allows walk-away operation.
- Compact footprint saves valuable fumehood space.
- Versatile adapters allow use of both existing glassware and custom vessels.
- Setup new experiments quickly with interchangeable vessel inserts.
- Strong, efficient mixing provides data representative of larger scale reactors.
- Conveniently condense up to 56 samples with the custom inerting and refluxing head.
- A range of modular upgrade add-ons provide a future proof investment.
- Easy to use software makes technology accessible to all researchers.

Process Screening • Process Optimisation • Process Scale-up